08/26/2005 08:56:39

FIG 4

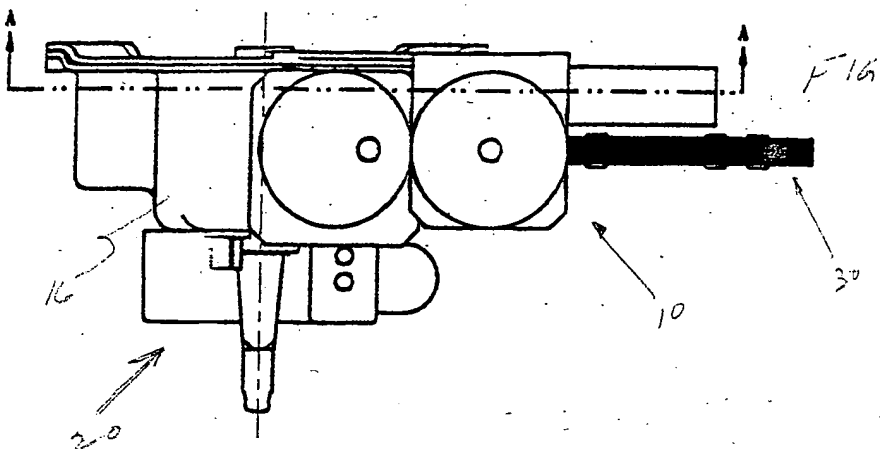


FIG 1

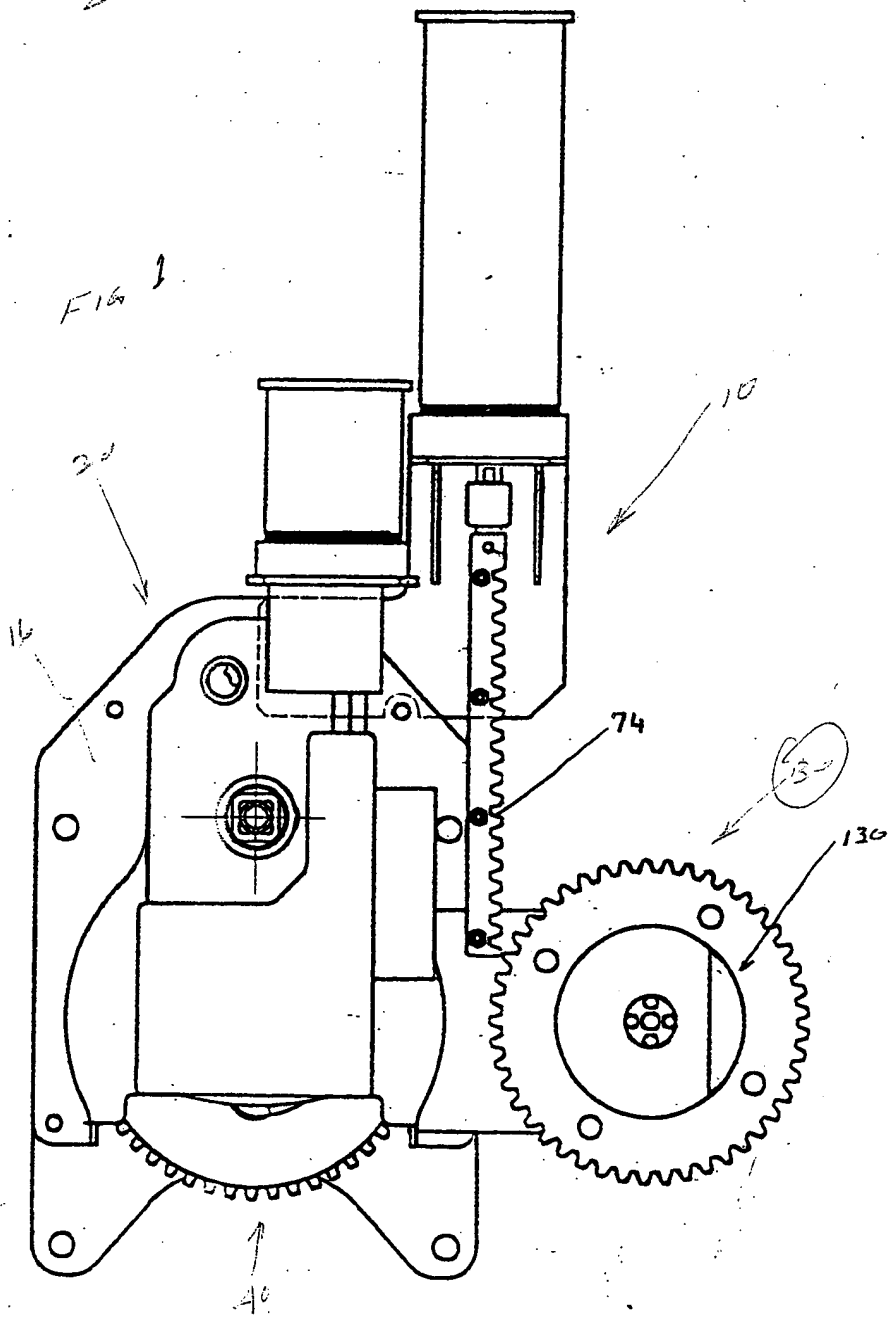
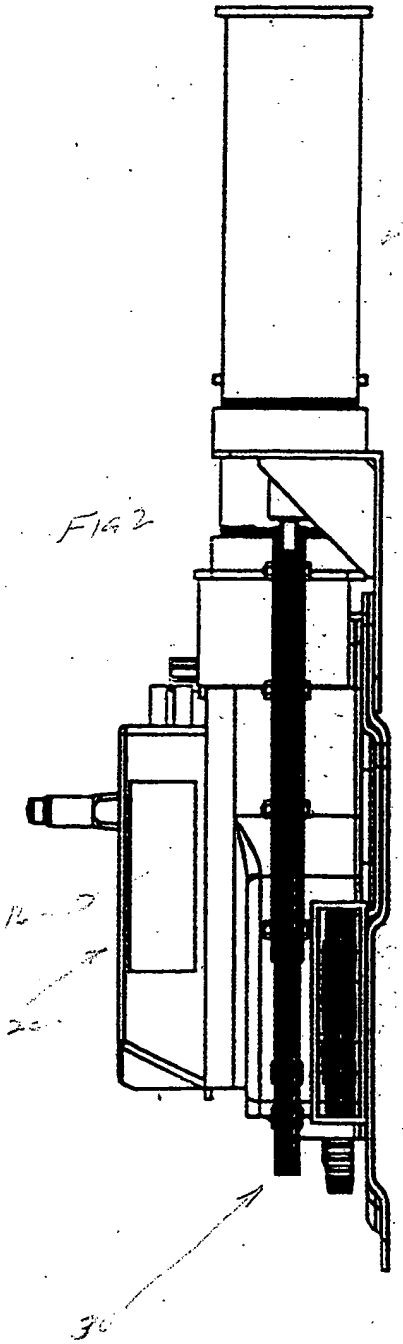


FIG 2



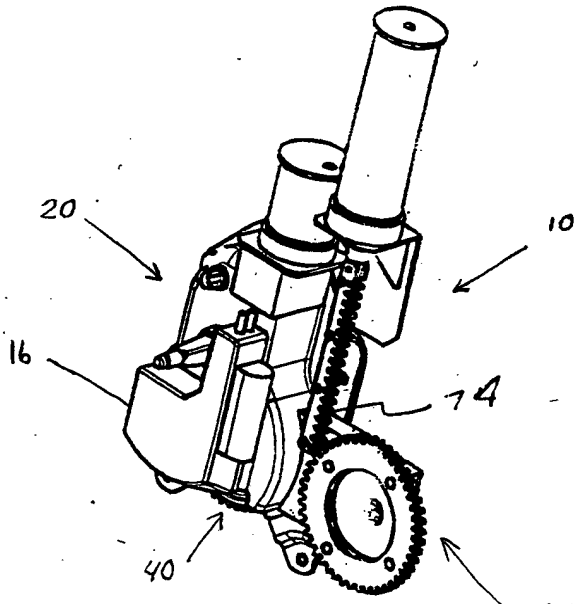


FIG 5

FIG 3

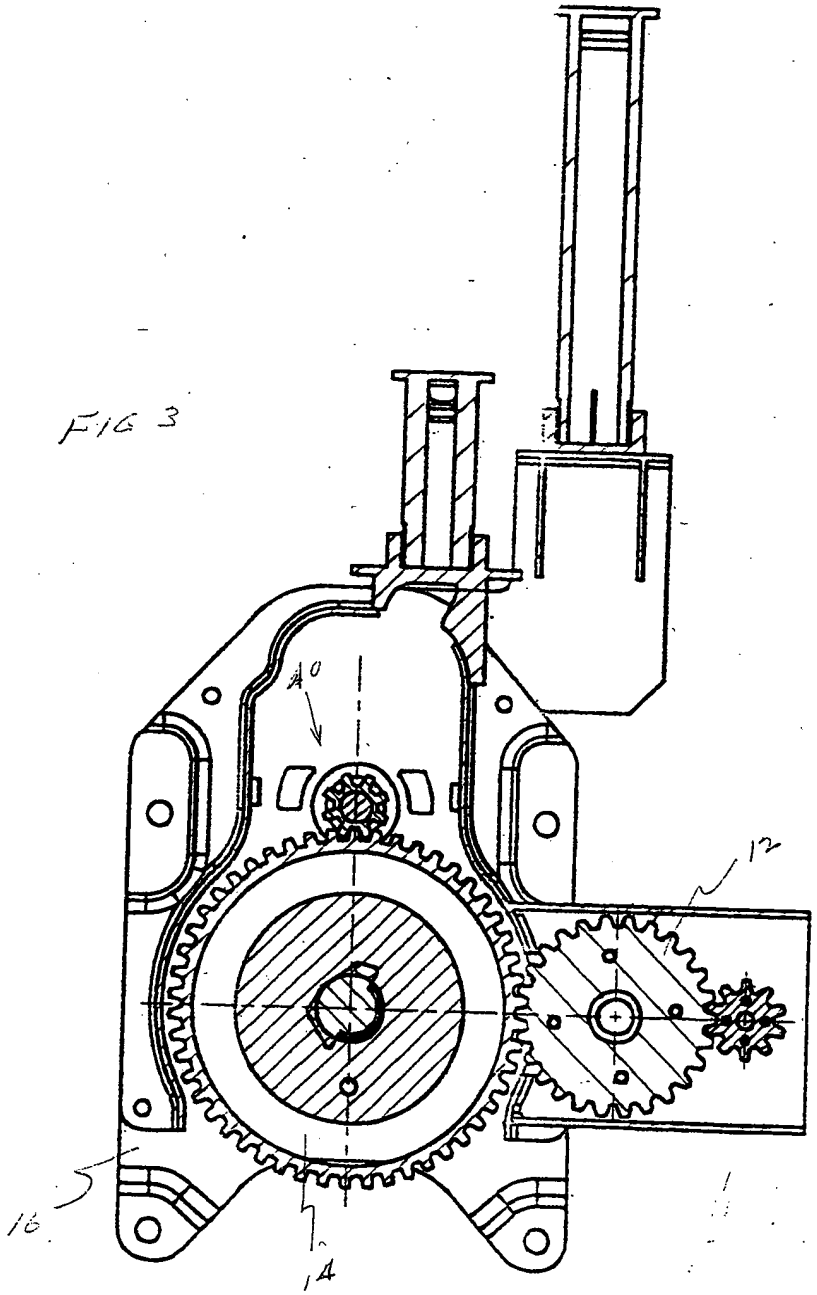
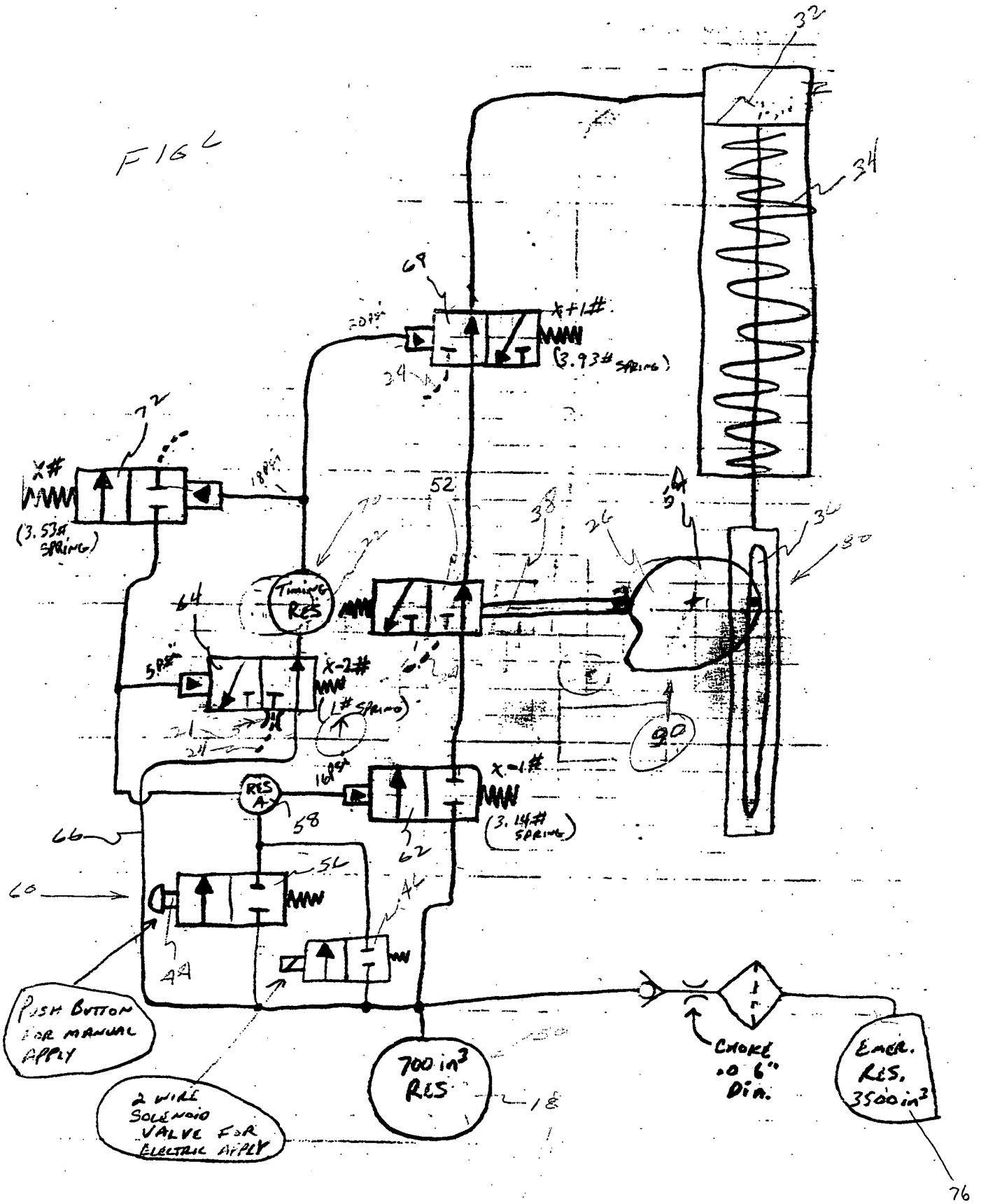


FIG 4


32
34
69
X+1#
(3.93# SPRING)
72
X#
(3.53# SPRING)
52
38
36
14
30
64
TIMING RES
X-2#
(L# SPRING)
90
RES A
58
X-1#
(3.14# SPRING)
66
62
56
60
44
46
PUSH BUTTON FOR MANUAL APPLY
2 WAY SOLENOID VALVE FOR ELECTRIC APPLY
700 in³ RES
18
CHOKE .06" Dia.
EMER. RES. 3500 in³
76

Patent Application Publication Aug. 25, 2005 Sheet 3 of 6 US 2005/0183690 A1

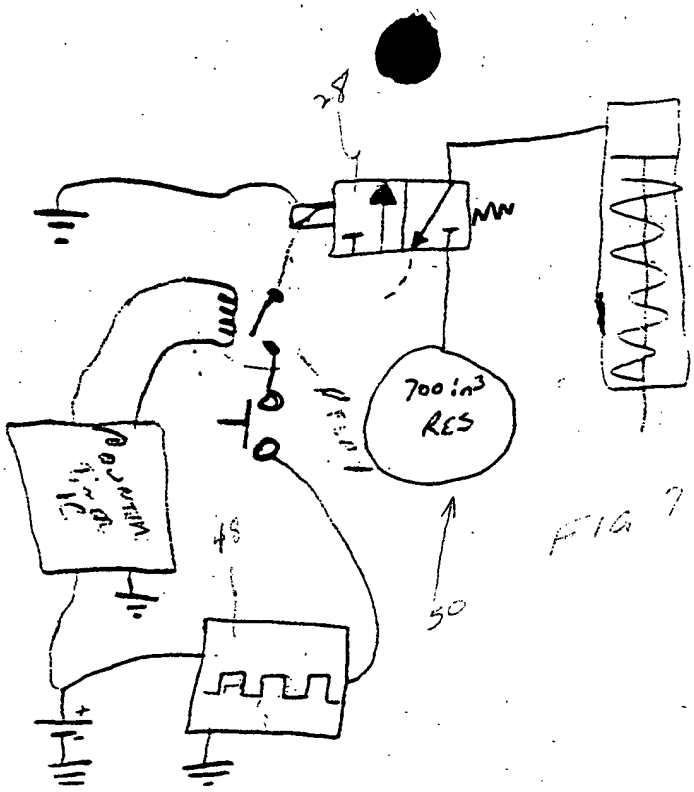


FIG 7

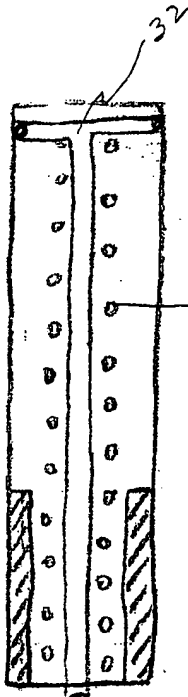
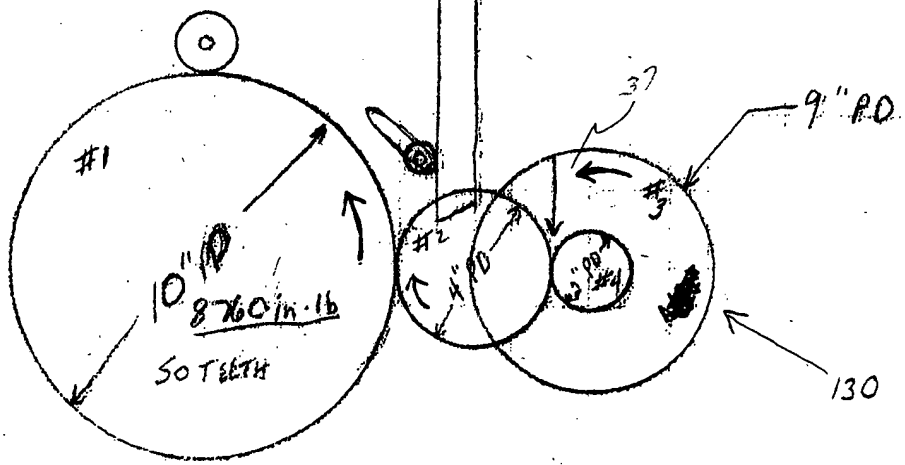


FIG 9



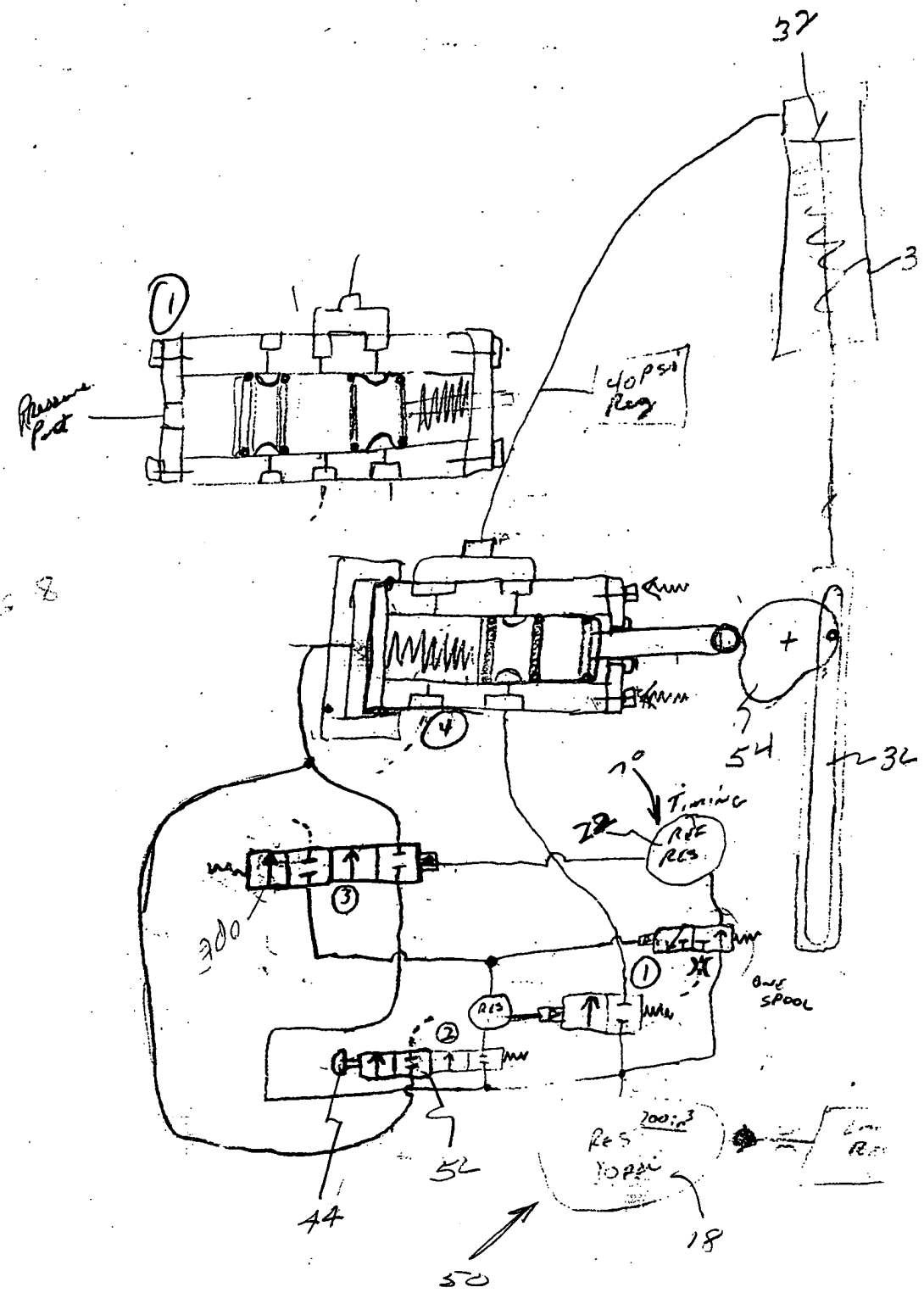

32
3
Pressure Pot
40 psi Reg
54
32
10
Timing
22
Ref Reg
30
One Spool
Res 200 in³
Res 70 psi
18
44
52
50

FIG 8

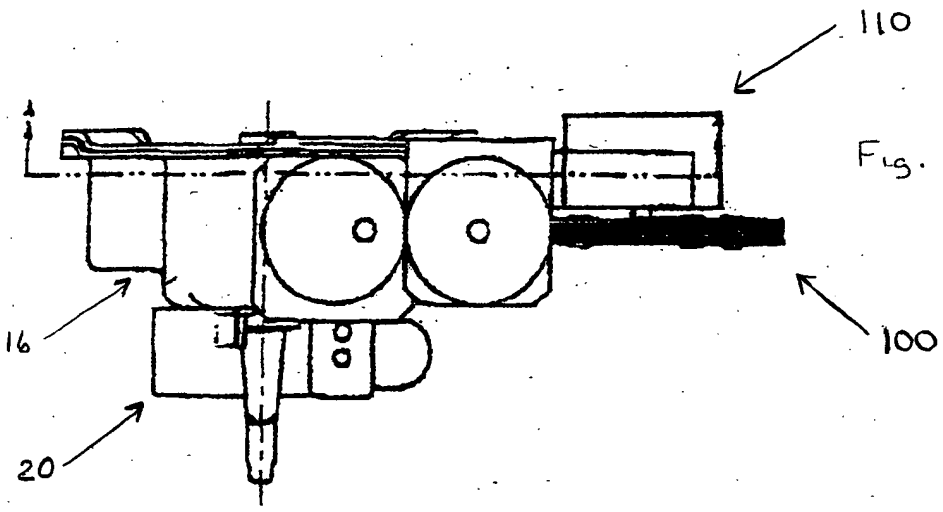


Fig. 11

Fig. 10

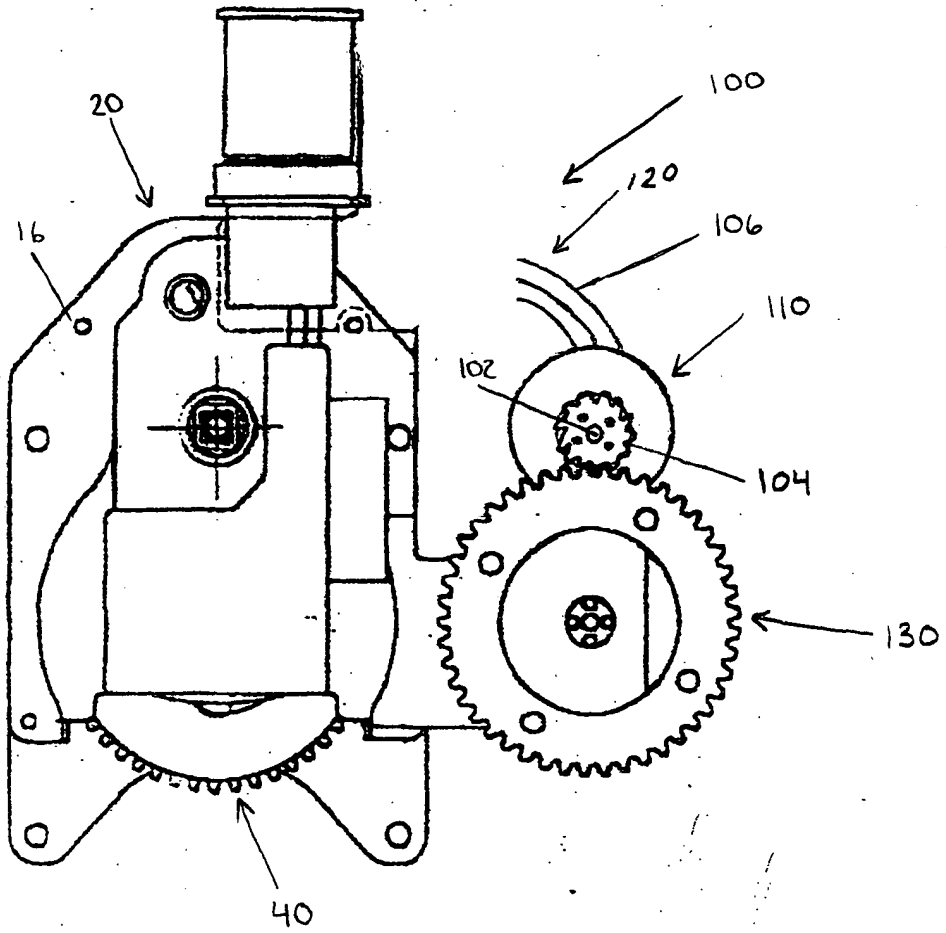


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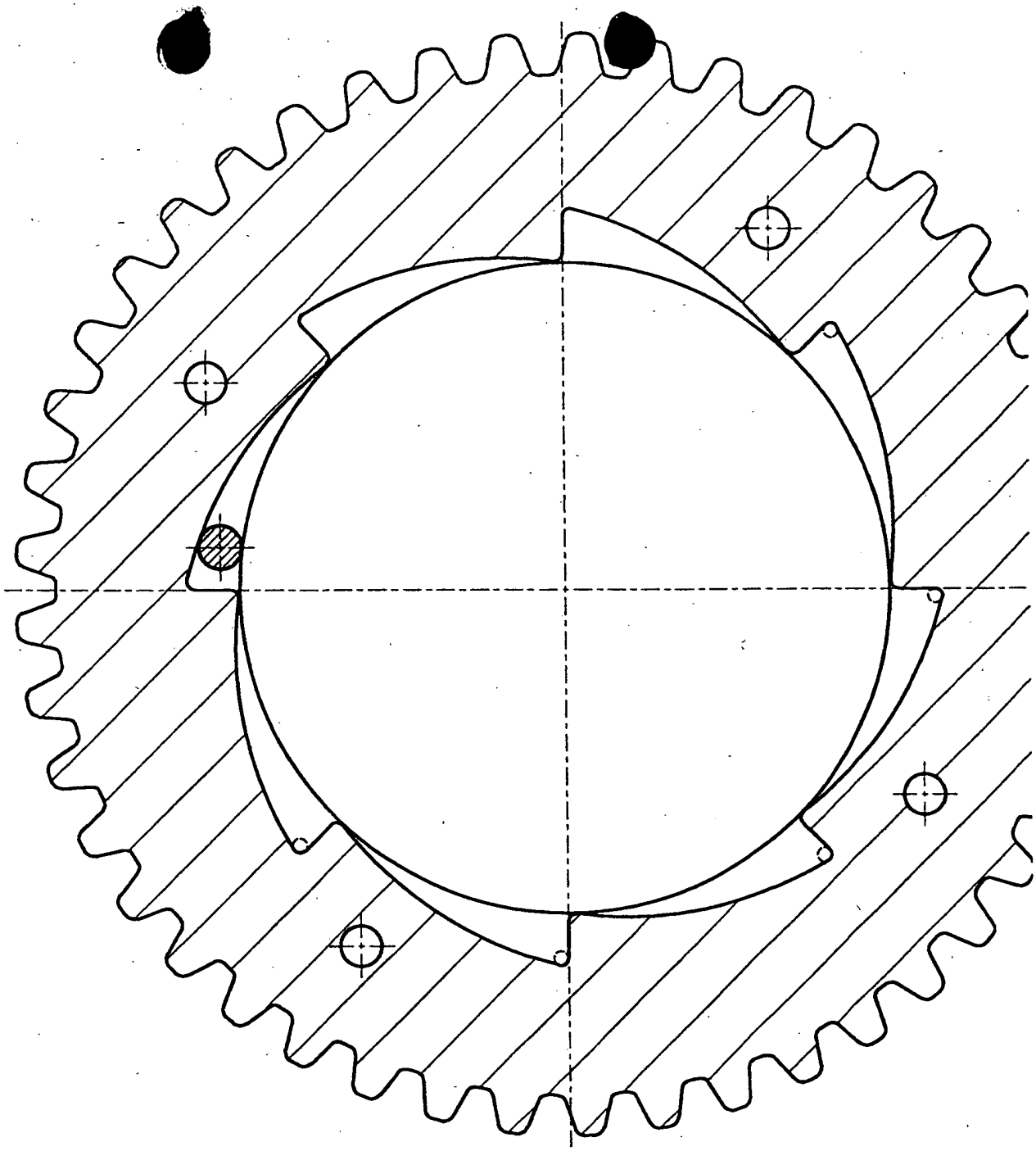
Fig. 12



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